

Times

Tetra Tech Allegations Catalog Draft V1 2017-8-14

[illegible]

## Tetra Tech Allegations - Enforcement Confidential

V1 includes NRC Petition main text

Read Me - explanation of rest of the sheets

Key:

Type of fraud

- 10 Fake soil sampling
- 11 Fraudulent sampling - Stage 1 - collected nearby
- 12 Fraudulent sampling - Stage 2 - collected from far away
- 20 Destruction of "hot" soil samples and their records
- 21 Bldg 351A
- 22 Fisher & Spear Streets
- 23 Radioactive fencing
- 30 Fraudulent Building Surveys
- 40 Fraudulent data reporting
- 50 Offsite disposal and backfill
- 51 Conveyor belt too fast
- 52 RSY pads
- 53 Unqualified personnel
- 60 Portal Monitor
- 70 Radiologically Controlled Areas (RCA's) unsecured or other individual incidents
- 99 Type unspecified

Type of info

- 1 Patterns and practice
- 2 Locations
- 3 Names of persons associated with falsification
- 4 Timing and frequency

Colors

highlight - need to discuss further  
need to go back and fill in later

Source (chronological order) Public

- 11 2017 Jun - NRC Petition
- 12 2014 Tetra Tech Internal report - anomolous soil samples
- 13 2016 Feb - NRC Enforcement Action
- 14 Public - other

Not Public

- 21 2016 Sep - David Anton statement to NRC
- 22 2017 Mar - David Anton call and email to Lily Lee and Brianna Fairbanks
- 23 Not public - other

Under Seal

- 41 2014 June - NRC investigation transcripts
- 42 2016 June - Qui Tam transcripts
- 43 Sealed - unspecified/other

Need to Know

- 1 Navy - Pat Brooks, Matt Slack, Zach Edwards, Thomas Machiarella
- 2 EPA Technical team - Lyndsey Nguyen, David Kappelman, John Chesnutt
- 3 EPA Consultants Techlaw - Karla Brasaemle, Jana Dawson
- 4 EPA consultants Leidos - Donna Getty, Anita Singh
- 5 EPA Management - Enrique Manzanilla, Angeles Herrera



## Highlights from NRC Petition

Scans were supposed to be used to pick soil sample locations, but in late 2008 began sampling 5-10 ft away where scans showed low levels
Smith said trench confirmation soil substitution happened "pretty much every day" over at least the last 1.5 yrs he worked there. Total 800-1,000 false samples
summer 2010 - early 2011 Class 2 and Class 3 scans in buildings and smears "just set your meter down on the ground and let it count.
summer 2010 - early 2011 Fraudulent building scans for nearly all buildings in Hunters Point. Specifically Building, 707, buildings and building footprints throughout the 500 series and buildings 351, 351A, 411,401,414,406, 144,146,130, 103, 113, 521, 103, 114, 145, 130, 439, 366, 813
When downloading data from Ludlum 2350 changed numbers. Also for Ludlum 2360 (alpha and beta). Zahensky took a computer home to change scan results overnight. Results were delivered a day late.
Data tampering Tina Rolfe, Ray Roberson, Joe Cunningham, Hustin Hubbard, Rick Zahensky, Steve Rolfe, Bert Bowers, Neil Berrett, Phil Smith
Early to July 2006 Conveyor belt scanning excavated fill ran too fast and silenced sensor alarms so would not have caught contamination in tens of thousands of CY soil
Orders were given to take samples "from anywhere" instead of from the proper Radiation Screening Yard (RSY) samples
RSY samples collected in locations that intentionally avoided the high radioactivity locations and were allowed to be reused as backfill.
2011 trucks with soil from RSY pads frequently failing portal monitor screening. In September, 2011, the sensitivity was reduced by 2/3 and discontinued hand-scanning.
After contract changes more frequent discrepancies, going from one incident per 6 weeks to every 2 weeks to more than once a week.
Backfill material had been cleared by Jane Taylor and Thorpe Miller, but a Shaw contractor discovered a radiological object (button) in it with millirem/hour levels so high they were inappropriate for the Ludlum detector used
Neil Berrett and Phil Smith (lab) told Bert Bowers that project upper management had asked them to "write away" laboratory analysis by changing the results.

Locations

Tracking number	Type of Fraud	Type of info	Summary	Details	Citation	Source (mc 2017-7 NR( 2016 NRC f 2014 Tetra Public - Other
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Names

Potentially associated with falsified samples

Tracking number	Type of Fraud	Type of info	Summary	Details	Citation	Source (mc 2017-7 NR 2016 NRC 2014 Tetra Public - Other
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## Questions